Serial No.: 09/464,303 -2- Art Unit: 1644

Conf. No.: 7348

In the Claims

Applicant has submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please cancel claims 18-34 without prejudice or disclaimer.

Please add new claims 42-62 as noted below.

1.-41. (Canceled)

- 42. An isolated peptide that binds to human mannose binding lectin (MBL), comprising:
- i) a CDR3 of a monoclonal antibody produced by hybridoma cell line 3F8 deposited under ATCC Accession No. HB-12621, hybridoma cell line 2A9 deposited under ATCC Accession No. HB-12620, or hybridoma cell line hMBL1.2 deposited under ATCC Accession No. HB-12619, or
- ii) a CDR3 of i) with a conservative substitution therein, wherein the conservatively substituted CDR3 binds to human MBL.
 - 43. The peptide of claim 42, wherein the CDR3 is a heavy chain CDR3.
- 44. The peptide of claim 42, wherein the peptide comprises a CDR3 region of a monoclonal antibody produced by hybridoma cell line 3F8 deposited under ATCC Accession No. HB-12621.
- 45. The peptide of claim 42, wherein the peptide comprises a CDR3 region of a monoclonal antibody produced by hybridoma cell line 2A9 deposited under ATCC Accession No. HB-12620.
- 46. The peptide of claim 42, wherein the peptide comprises a CDR3 region of a monoclonal antibody produced by hybridoma cell line hMBL1.2 deposited under ATCC Accession No. HB-12619.

Serial No.: 09/464,303 - 3 - Art Unit: 1644

Conf. No.: 7348

47. The peptide of claim 42, wherein the peptide is a monoclonal antibody.

- 48. The peptide of claim 47, wherein the monoclonal antibody is produced by hybridoma cell line 3F8 deposited under ATCC Accession No. HB-12621.
- 49. The peptide of claim 47, wherein the monoclonal antibody is produced by hybridoma cell line 2A9 deposited under ATCC Accession No. HB-12620.
- 50. The peptide of claim 47, wherein the monoclonal antibody is produced by hybridoma cell line hMBL1.2 deposited under ATCC Accession No. HB-12619.
- 51. The peptide of claim 47, wherein the monoclonal antibody is a humanized monoclonal antibody.
- 52. The peptide of claim 42, wherein the peptide is an antibody fragment selected from the group consisting of an F(ab')₂ fragment, an Fab fragment, an Fv fragment, and an Fd fragment.
 - 53. The peptide of claim 42, further comprising:
- i) a CDR2 of a monoclonal antibody produced by hybridoma cell line 3F8 deposited under ATCC Accession No. HB-12621, hybridoma cell line 2A9 deposited under ATCC Accession No. HB-12620, or hybridoma cell line hMBL1.2 deposited under ATCC Accession No. HB-12619, or
- ii) a CDR2 of i) with a conservative substitution therein, wherein the conservatively substituted CDR2 binds to human MBL.
 - 54. The peptide of claim 53, wherein the CDR2 is a light chain CDR2.
 - 55. The peptide of claim 42, further comprising:

Serial No.: 09/464,303 - 4 - Art Unit: 1644

Conf. No.: 7348

i) a CDR1 of a monoclonal antibody produced by hybridoma cell line 3F8 deposited under ATCC Accession No. HB-12621, hybridoma cell line 2A9 deposited under ATCC Accession No. HB-12620, or hybridoma cell line hMBL1.2 deposited under ATCC Accession No. HB-12619, or

- ii) a CDR1 of i) with a conservative substitution therein, wherein the conservatively substituted CDR1 binds to human MBL.
 - 56. The peptide of claim 55, wherein the CDR1 is a light chain CDR1.
 - 57. The peptide of claim 55, further comprising:
- i) a CDR2 of a monoclonal antibody produced by hybridoma cell line 3F8 deposited under ATCC Accession No. HB-12621, hybridoma cell line 2A9 deposited under ATCC Accession No. HB-12620, or hybridoma cell line hMBL1.2 deposited under ATCC Accession No. HB-12619, or
- ii) a CDR2 of i) with a conservative substitution therein, wherein the conservatively substituted CDR2 binds to human MBL.
 - 58. A hybridoma cell line 3F8 deposited under ATCC Accession No. HB-12621.
 - 59. A hybridoma cell line 2A9 deposited under ATCC Accession No. HB-12620.
 - 60. A hybridoma cell line hMBL1.2 deposited under ATCC Accession No. HB-12619.
 - 61. A pharmaceutical composition comprising:
- i) an effective amount of the peptide of claim 42 for treating an MBL mediated disorder, and ii) a pharmaceutically acceptable carrier.
- 62. The pharmaceutical composition of claim 61, further comprising a drug for the treatment of an MBL mediated disorder.